

AMENDMENT TO THE SPECIFICATION

Please replace the current title with the title “TRANSGENIC MICE CARRYING AN IMPROVED TRANSGENE ENCODING A REVERSE TETRACYCLINE CONTROLLED TRANSACTIVATOR PROTEIN”.

Please insert a separate page No. 32 containing the following text:

Abstract

The present invention provides for a vector having the Protein Translation Peptide Elongation Factor-1 $\alpha$  promoter and nucleic acids encoding reverse tetracycline-controlled activator, wherein the expression of the activator is under the control of Protein Translation Peptide Elongation Factor-1 $\alpha$  (EF-1 $\alpha$ ) promoter. In addition, a method of generating a reverse tetracycline controlled transactivator expression system for inducible tetracycline-regulated gene expression in human cell lines and transgenic animal systems is described.